

IN THE CLAIMS:

Please amend the claims as follows:

1. (Canceled)
2. (Currently Amended) The method of claim 4 12, wherein increasing gain includes increasing gain with an asymmetrical digital subscriber loop repeater.
- 3-4. (Canceled)
5. (Currently Amended) The method of claim 4 12, further comprising processing the digital subscriber loop signal with an echo cancellation filter.
6. (Currently Amended) The method of claim 4 12, further comprising frequency division duplexing.
7. (Original) The method of claim 6, wherein frequency division duplexing includes passing the digital subscriber loop signal through a low pass filter after increasing the gain of the digital subscriber loop signal.
8. (Canceled)
9. (Currently Amended) The method of claim 4 12, further comprising remotely fine-tuning the digital subscriber loop repeater using control signals sent to the digital subscriber loop repeater.
10. (Currently Amended) The method of claim 4 12, further comprising remotely reconfiguring the digital subscriber loop repeater using control signals sent to the digital subscriber loop repeater.
11. (Currently Amended) The method of claim 4 12, further comprising querying the digital

subscriber loop repeater for a purpose selected from the group consisting of controlling the operation of the digital subscriber loop repeater and determining the status of the digital subscriber loop repeater.

12. (Previously Presented) A method of transforming a digital subscriber loop signal, comprising:

providing the digital subscriber loop signal;

increasing a gain of the digital subscriber loop signal with a digital subscriber loop repeater; and

querying the digital subscriber loop repeater for a purpose selected from the group consisting of controlling the operation of the digital subscriber loop repeater and determining the status of the digital subscriber loop repeater,

wherein controlling the operation of the digital subscriber loop repeater includes provisioning the digital subscriber loop repeater with an operational mode selected from the group consisting of normal, no-ADSL-repeater with coils in circuit, and no-ADSL-repeater with coils out of circuit.

13. (Currently Amended) The method of claim 11 12, wherein querying the digital subscriber loop repeater includes maintaining the digital subscriber loop repeater by causing the digital subscriber loop repeater to enter into a loop-back state.

14-39. (Canceled)